

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079146.D
 Acq On : 02 Sep 2023 16:23
 Operator : JC\MD
 Sample : PB155301ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#08

Quant Time: Sep 04 01:05:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

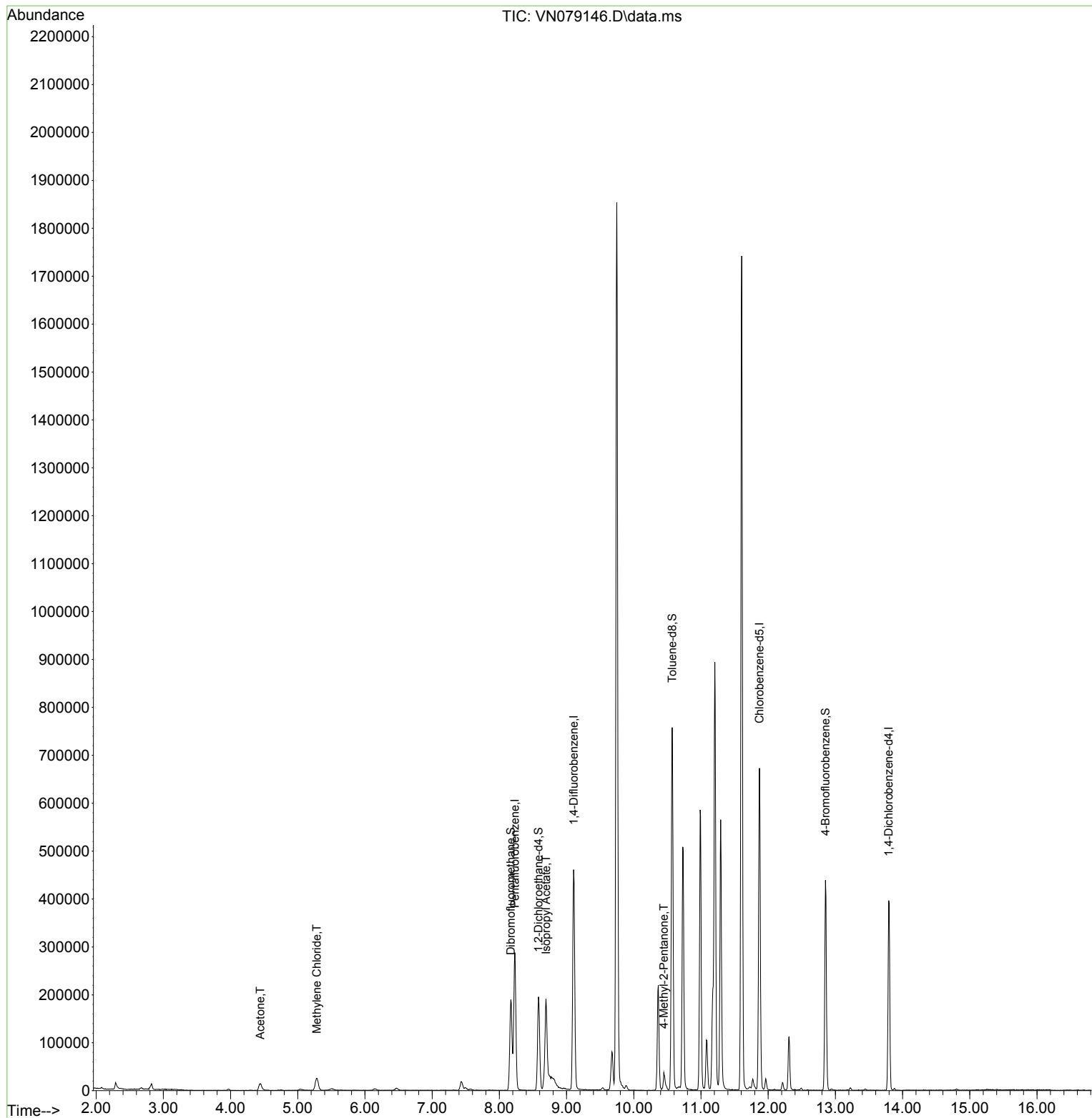
Internal Standards						
1) Pentafluorobenzene	8.229	168	211268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	408852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	399780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159115	48.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.171	113	140877	51.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	10.570	98	530271	51.890	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.853	95	153387	45.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.840%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	28700	21.158	ug/l	95
20) Methylene Chloride	5.283	84	20650	7.143	ug/l	92
43) Isopropyl Acetate	8.694	43	244376	29.849	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	29221	6.018	ug/l #	79

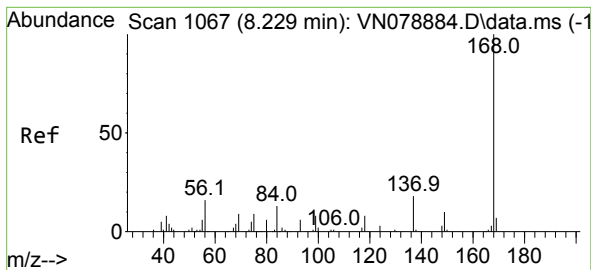
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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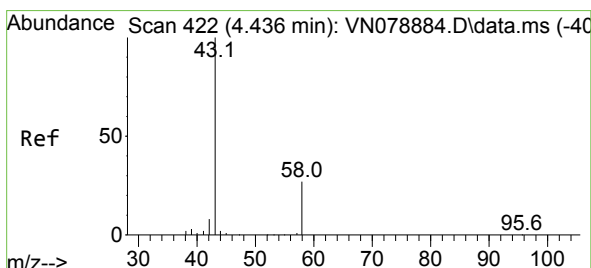
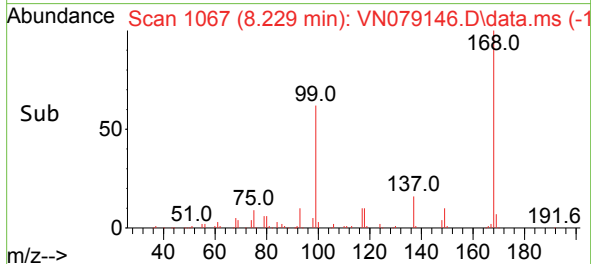
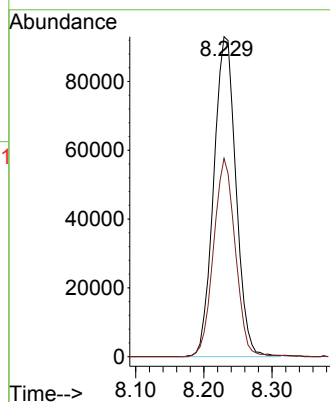
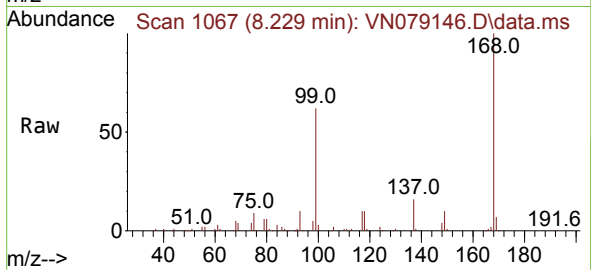




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

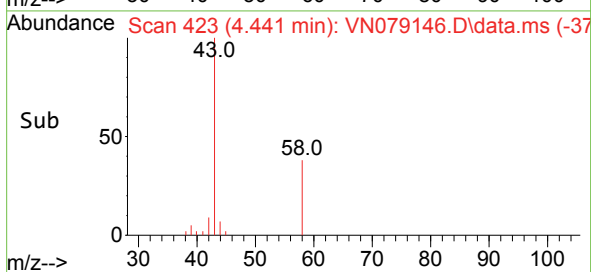
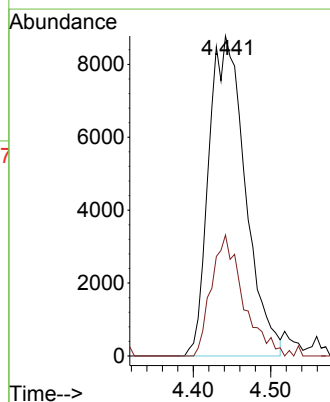
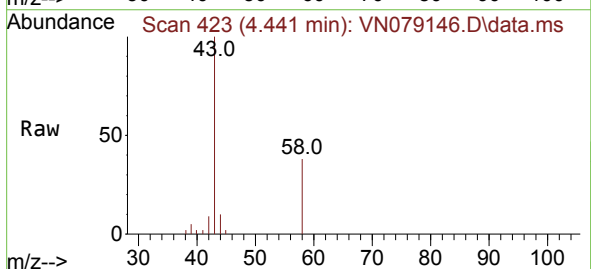
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#08

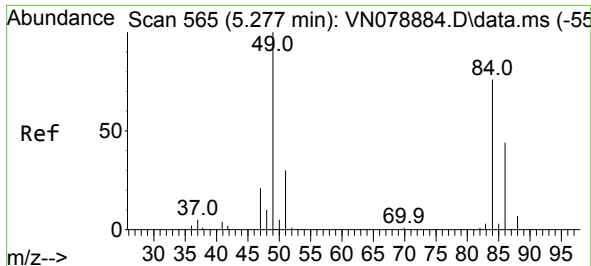
Tgt Ion:168 Resp: 211268
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 21.158 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

Tgt Ion: 43 Resp: 28700
Ion Ratio Lower Upper
43 100
58 37.8 28.0 42.0

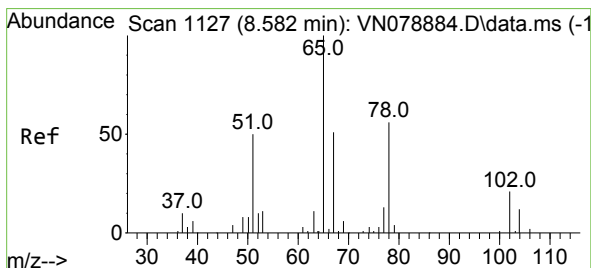
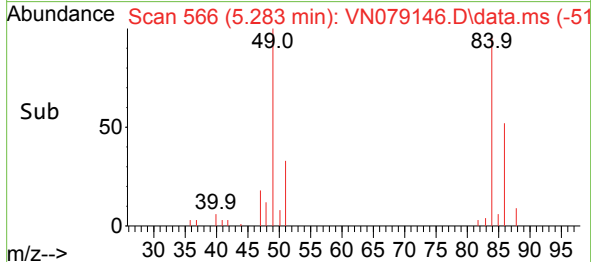
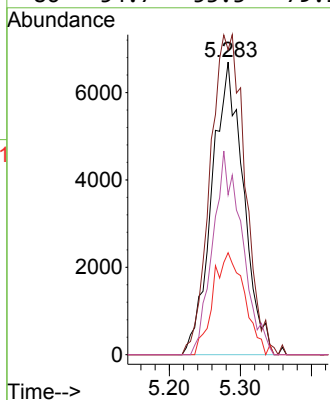
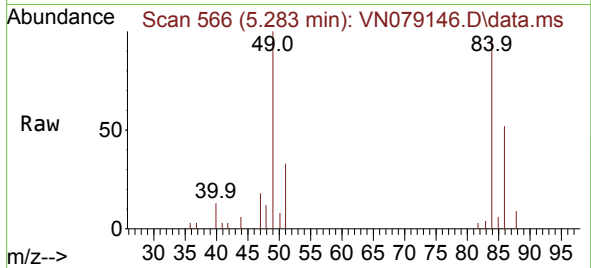




#20
Methylene Chloride
Concen: 7.143 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

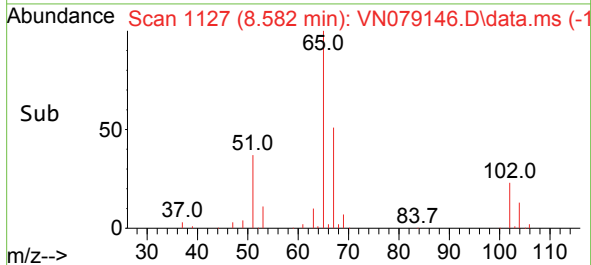
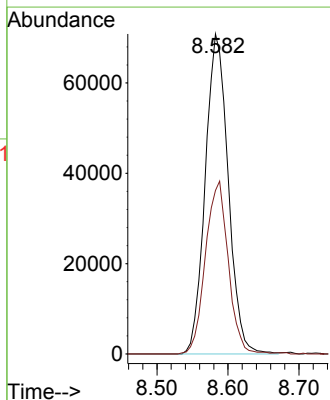
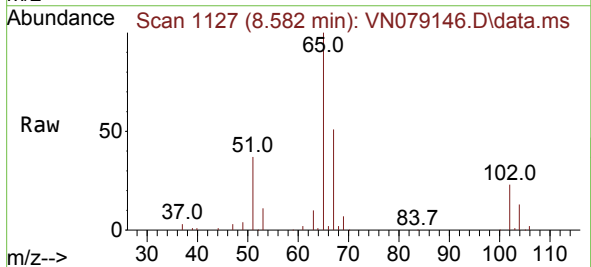
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#08

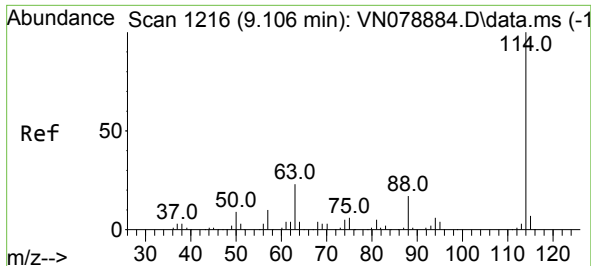
Tgt Ion: 84	Resp: 20650
Ion Ratio	Lower Upper
84 100	
49 104.2	79.7 119.5
51 34.8	25.2 37.8
86 54.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 48.400 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

Tgt Ion: 65	Resp: 159115
Ion Ratio	Lower Upper
65 100	
67 53.7	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079146.D

Acq: 02 Sep 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#08

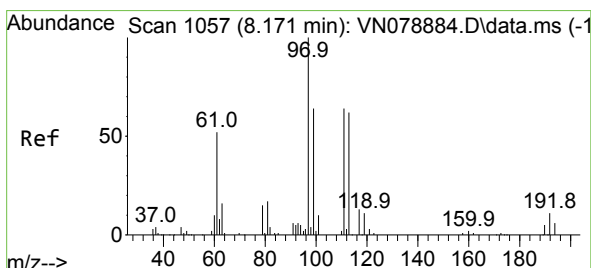
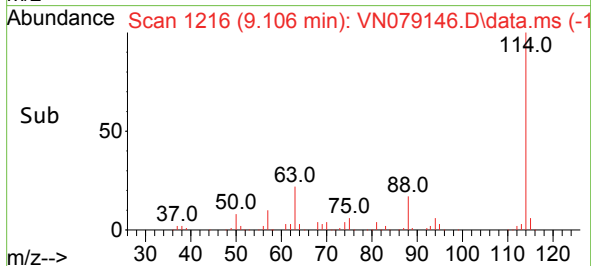
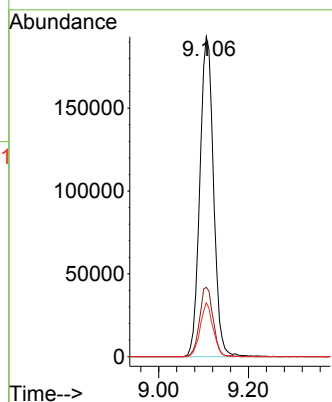
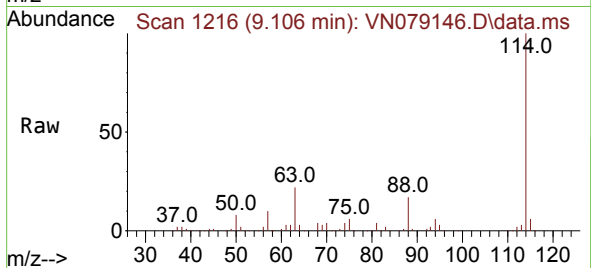
Tgt Ion:114 Resp: 408852

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.187 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079146.D

Acq: 02 Sep 2023 16:23

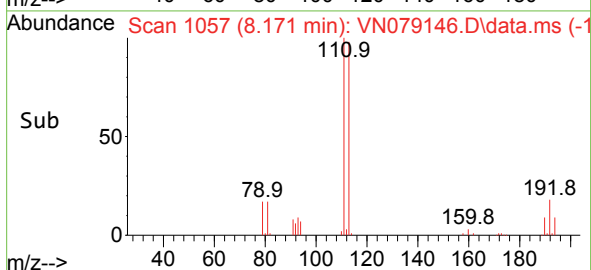
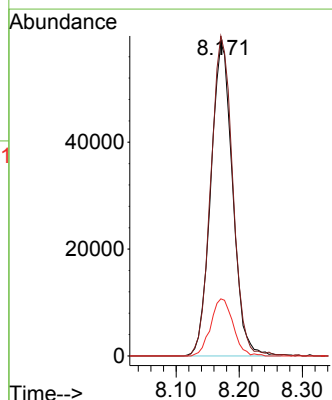
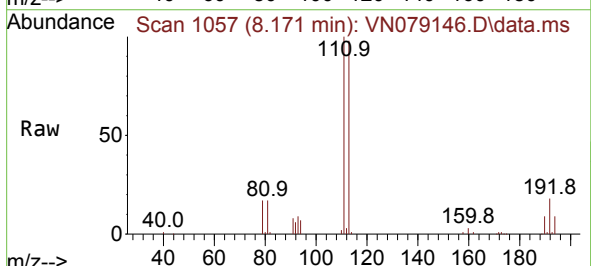
Tgt Ion:113 Resp: 140877

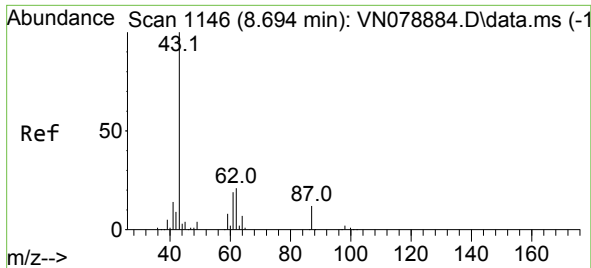
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.7 12.7 19.1

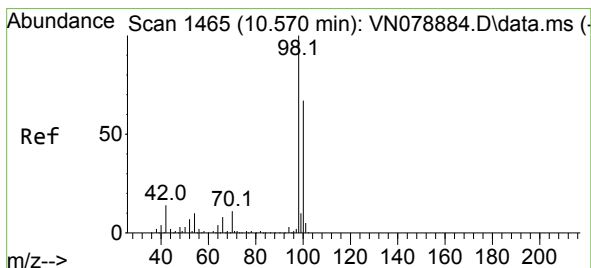
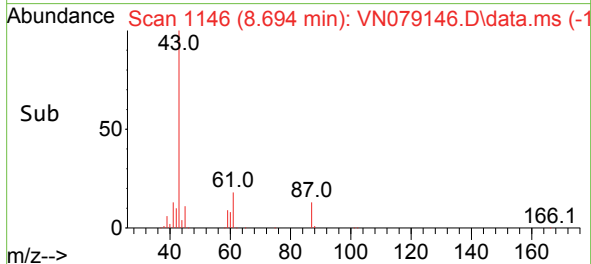
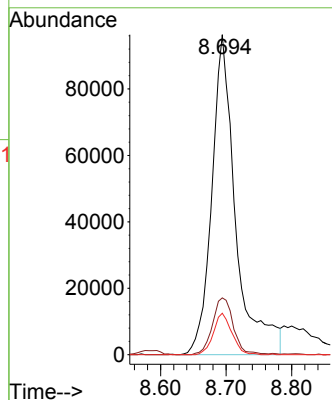
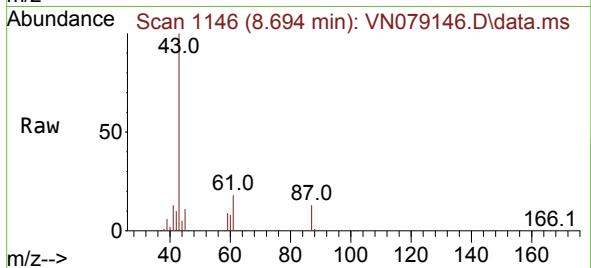




#43
Isopropyl Acetate
Concen: 29.849 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

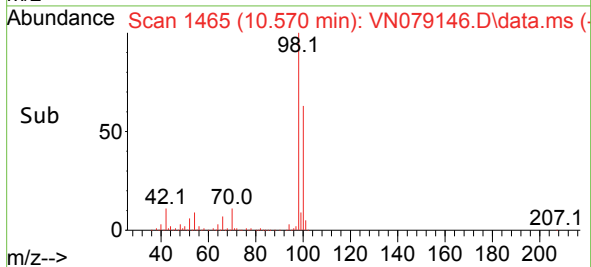
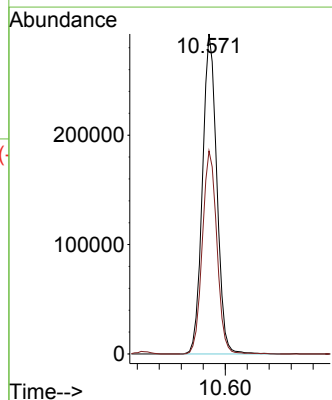
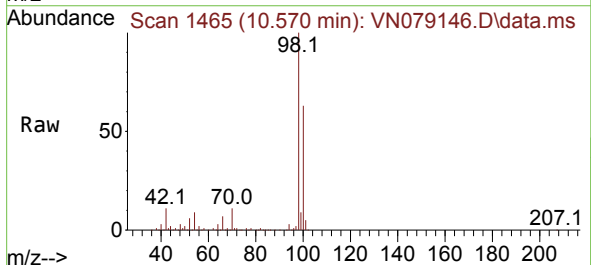
Instrument :
MSVOA_N
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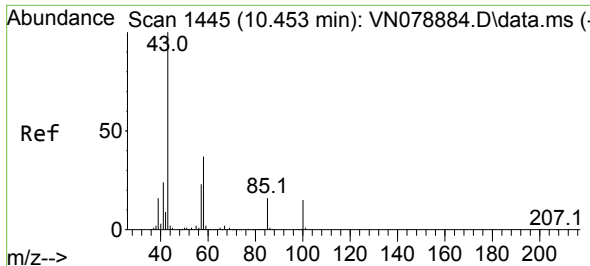
Tgt Ion: 43 Resp: 244376
Ion Ratio Lower Upper
43 100
61 15.4 24.7 37.1#
87 9.9 14.6 21.8#



#50
Toluene-d8
Concen: 51.890 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

Tgt Ion: 98 Resp: 530271
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

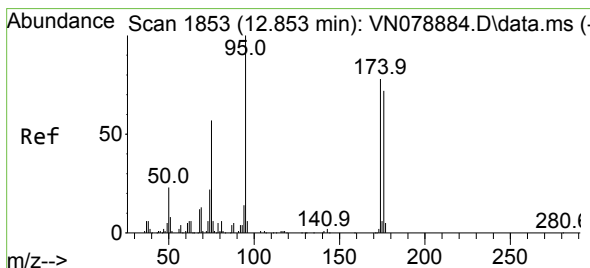
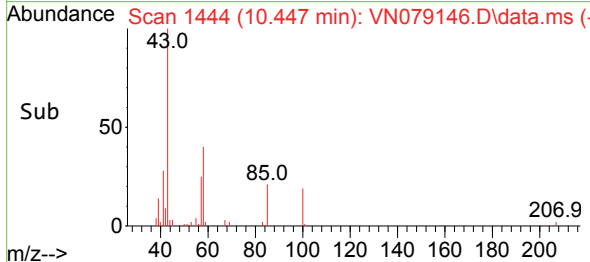
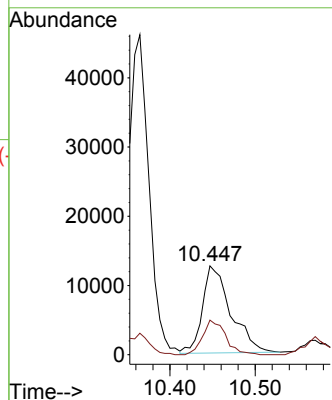
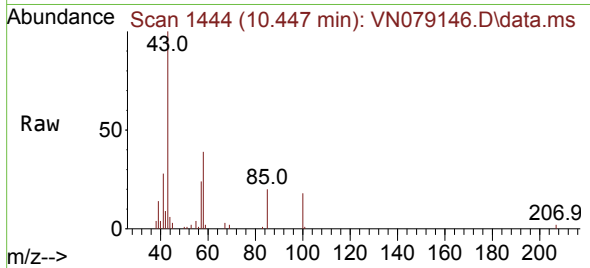




#51
4-Methyl-2-Pentanone
Concen: 6.018 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

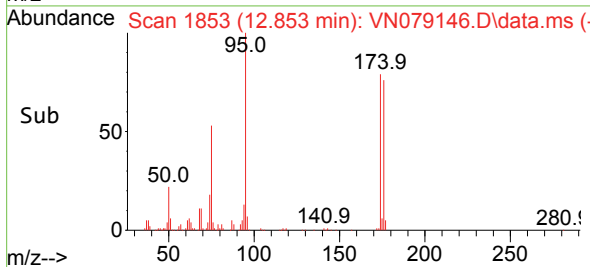
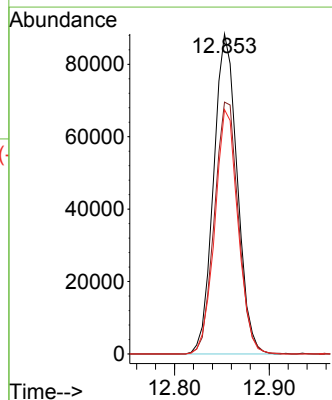
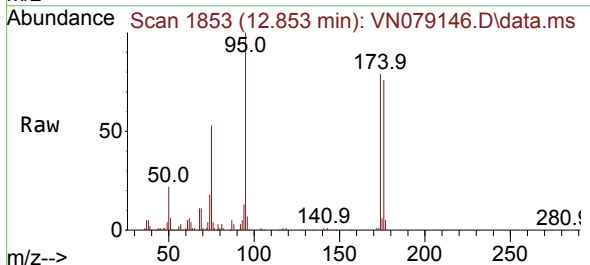
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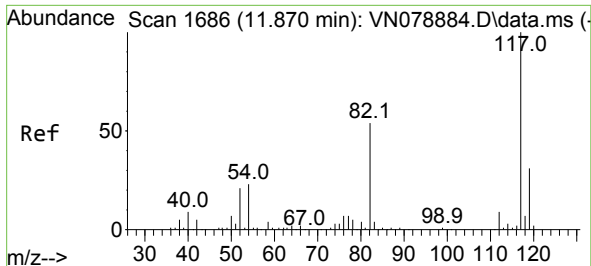
Tgt Ion: 43 Resp: 29221
Ion Ratio Lower Upper
43 100
58 32.1 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 45.921 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

Tgt Ion: 95 Resp: 153387
Ion Ratio Lower Upper
95 100
174 79.9 0.0 143.8
176 75.0 0.0 135.8

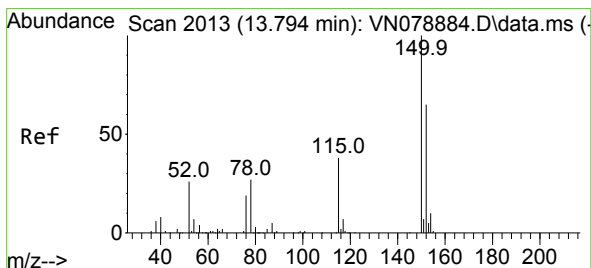
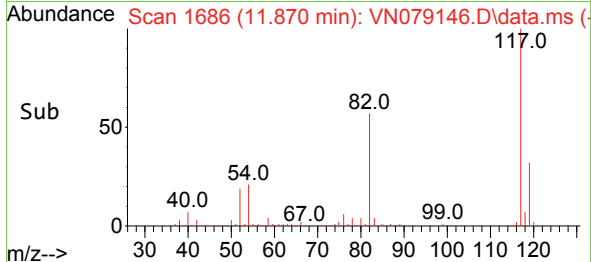
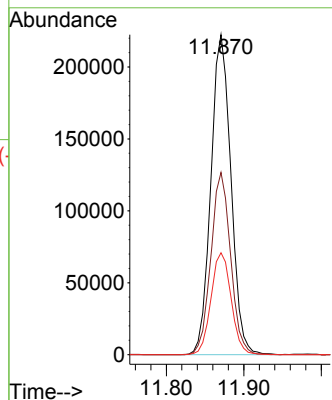
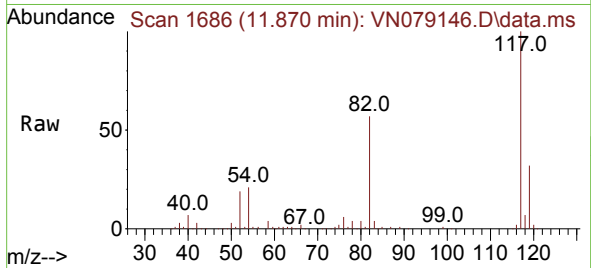




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#08

Tgt Ion:117 Resp: 399780
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079146.D
Acq: 02 Sep 2023 16:23

Tgt Ion:152 Resp: 112181
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 159.4 0.0 355.8

